



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/649,611	08/28/2003	Tutomu Takamatu	2003_1160A	5284

513 7590 03/16/2004

WENDEROTH, LIND & PONACK, L.L.P.
2033 K STREET N. W.
SUITE 800
WASHINGTON, DC 20006-1021

EXAMINER

JONES, DAVID B

ART UNIT PAPER NUMBER

3725

DATE MAILED: 03/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/649,611

Applicant(s)

Takamatu

Examiner

David B. Jones

Art Unit

3725

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) none is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

03092004

DETAILED ACTION

1. The specification appears to be product of translation from a foreign document, it has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification. One obvious error was seen on page 15, line 21, where "front" was misspelled.

2. Claims 1-7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The claims would appear to be a product of translation from a foreign document, and as such are awkward, if not indefinite. All the elements should be positively recited and correlated with each other. All elements that are positively referenced should have antecedent basis in the claims. In claim 1, line 5, "the side ends" lacks antecedent basis. On line 8 of claim 1, "the opposed sides" lacks antecedent basis. Further on line 13 of claim 1, "the upper surface lacks clear antecedent basis; only a "female upper surface portion" has been recited. Finally on line 10 of claim 1, "the lower position of the male mold" lacks antecedent basis. In claim 2, the limitation, "a folding diameter" is vague and indefinite. In claim 3, "in a depressed configuration" is vague and indefinite. Finally in claim 3, "the folded portion" lacks antecedent basis. In claim 5, lines 5/6, "the both sides of the male lower surface portion" lacks clear antecedent basis. On line 10 and 11 of claim 5, " the opposite sides of the male lower surface portion" lack clear antecedent basis. On line 21 of claim 5,

Art Unit: 3725

"the opposite sides of each of the female front surface recess portion" lacks clear antecedent basis. In claim 6, line 2, "the male abutment portion" lacks antecedent basis; claim 5 recites "a male abutting member". Further in claim 6, line 7, "the opposed sides of the female recess surface portion" lacks clear antecedent basis. Finally on the next to last line of claim 6, "the opposed sides of the female curve surface portion" lacks clear antecedent basis. In claim 7, line 3, "is folded" is vague and indefinite. On the last two lines of claim 7, "the folding diameter of the tube" lacks clear antecedent basis.

3. Claims 1-7 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action.

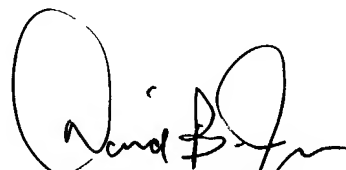
4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

5. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to David B. Jones whose telephone number is (703) 308-1887.

6. Any inquiry of general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-1148.

In the event that the Applicant (s) wishes to communicate via Fax number for Group 3700 is (703) 872-9306.

wahp



DAVID B. JONES
PRIMARY PATENT EXAMINER
ART UNIT 3725